

IN THE CLAIMS:

- 1 1. A system for transmitting messages from a caller location to a
2 receiver location, said system comprising:
 - 3 a plurality of computers, each of said computers being coupled to each
4 other through a network;
 - 5 a plurality of access devices, each of said access devices being coupled to
6 said network through a telecommunication medium;
 - 7 wherein said access device includes a voice conversion board for
8 converting a voice message from a telephone device into digital data for transmission
9 through said network.
- 1 2. The system of claim 1 wherein said network is the Internet.
- 1 3. The system of claim 2 wherein any one of said computers is
2 selected from a group consisting of a network computer, a personal computer, and a
3 workstation.
- 1 4. A method for telecommunication, said method comprising:
 - 2 transmitting information from a first telephone device at a receiver
3 location in a first service area through a telecommunication medium;
 - 4 receiving at said first service area said information in a first access device;
 - 5 converting said information into a digital signal in said first access device;
 - 6 transmitting said digital signal over said Internet to a second access device
7 at a second service area;
 - 8 converting said digital signal into data for storage into a memory; and
9 retrieving said memory at said second service area using a second
10 telephone device.
- 1 5. The method of claim 4 wherein said telecommunication medium is

2 a telephone line.

1 6. A system for transmitting messages from a caller location to a
2 receiver location, said system comprising:

3 a plurality of computers, each of said computers being coupled to each
4 other through a network;

5 a plurality of access devices, each of said access devices being coupled to
6 said network through a telecommunication medium;

7 a paging device, said paging device being coupled to said access device
8 using a paging system, said paging device being adapted to receive a second paging data
9 from a caller to a receiver;

10 wherein said access device includes a processor coupled to a memory, said
11 processor also being coupled to a voice conversion board, said voice conversion board
12 for converting a voice message from a telephone device into digital data for transmission
13 through said network, said processor overseeing a receiving of a first paging data and
14 transmitting of a second paging data through said telecommunication line to said paging
15 device.

1 7. A method of telecommunication, said method comprising:

2 receiving at an access computer voice message data and paging data from
3 a telecommunication line coupled to the Internet, said paging data comprising a paging
4 number and a caller code;

5 converting said paging data and said caller code into telephone key codes
6 at said access computer and dialing a paging unit at a receiver location using a paging
7 system; and

8 transmitting said caller code to said paging unit at said receiving location.

1 8. A computer program product for a computer system coupled to a
2 network, for paging a user when an incoming message is received, the computer
3 program product comprising:

4 a computer readable memory comprising:

5 code that retrieves the incoming message from the network;
6 code that directs the processor to determine a pager number in
7 response to the incoming message;
8 code that directs the processor to contact a paging system in
9 response to the pager number; and
10 code that directs the processor to transmit a paging message to the
11 paging system.

1 9. The computer program product of claim 8 wherein the incoming
2 message further comprises an incoming E-mail message.

1 10. The computer program product of claim 8 wherein the incoming
2 message further comprises an incoming voice message.

1 11. The computer program product of claim 8 wherein the incoming
2 message further comprises an incoming facsimile message.

1 12. The computer program product of claim 8 wherein the computer
2 readable memory further comprises:
3 a database including the particular pager number for the user.

1 13. A computer program product of claim 8 wherein the computer
2 readable memory further comprises:
3 code that directs the memory to store an outgoing message, the
4 outgoing message including an outgoing pager number and a paging message;
5 code that directs the processor to transmit the outgoing message
6 from the memory to the network.

1 14. The computer program product of claim 13 wherein the outgoing
2 message further comprises an E-mail message.

1 15. The computer program product of claim 13 wherein the outgoing
2 message further comprises a voice message.

1 16. The computer program product of claim 13 wherein the outgoing
2 message further comprises a facsimile message.

1 17. The computer program product of claim 13 wherein the outgoing
2 message is an incoming message for another user.

1 18. A computer system coupled to a network for paging a user when
2 an incoming message for the user is received, the computer system comprising:
3 a program for retrieving the incoming message from the network, the
4 incoming message including identification of the user;
5 a memory for storing the incoming message; and
6 a processor for determining a paging number for the user in response to
7 the incoming message, for contacting a paging system, and for transmitting a paging
8 message to the paging system.

1 19. The computer system of claim 18 wherein the incoming message
2 includes an identification of the paging number of the user.

1 20. The computer system of claim 18 wherein the memory includes an
2 identification of the paging number of the user.

1 21. The computer system of claim 18 wherein the message further
2 comprises the paging message.

1 22. The computer system of claim 18 wherein the incoming message
2 further comprises an incoming E-mail message.

1 23. The computer system of claim 18 wherein the incoming message
2 further comprises an incoming voice message.

1 24. The computer system of claim 18 wherein the incoming message
2 further comprises an incoming facsimile message.

1 25. A computer system of claim 18 wherein:
2 the memory is also for storing an outgoing message; and
3 the processor is also for transmitting the outgoing message from the
4 memory to the network.

1 26. The computer system of claim 25 wherein the outgoing message
2 includes another paging number.

1 27. The computer system of claim 25 wherein the outgoing message
2 further comprises an E-mail message.

1 28. The computer system of claim 25 wherein the outgoing message
2 further comprises a voice message.

1 29. The computer system of claim 25 wherein the outgoing message
2 further comprises a facsimile message.

1 30. The computer system of claim 25 wherein the outgoing message is
2 an incoming message for another user.